Contents of Volume 7

Number 1

iii **Editorial**

1 **Glycocalyx and Glycocalyceal Bodies in the Respiratory Epithelium of Nose and Bronchi** Björn A. Afzelius

9 **Immunoelectronmicroscopic Demonstration of Surface Tumor Antigen Ca 125** Ancel Blaustein

13 **Ultrastructure of Renal Glomerular Hematoxylin Bodies** Miyako Morita and Hiroshi Sakaguchi

21 **Amyloid Neuropathy: Relationship between Amyloid Fibrils and Macrophages** Anne Vital and Claude Vital

25 **Langerhans Cells in Squamous Exocervical Carcinoma: A Quantitative and Ultrastructural Study** Italo Caorsi and Carlos D. Figueroa

41 **Pheochromocytoma Producing Immunoreactive ACTH with Cushing's Syndrome** Janez Lamovec, Vincent A. Memoli, John A. Terzakis, Sheldon C. Sommers, and Victor E. Gould

49 **Sellar Glomangioma** Sylvia L. Asa, Kalman Kovacs, Eva Horvath, Calvin Ezrin, and Martin H. Weiss

55 *New Techniques* **Rapid Deparaffinization for Electron Microscopy** Marius A. van den Bergh Weerman and Koert P. Dingemans

59 *The Quarterly Case* **An Uncommon Ovarian Tumor** Vincenzo Sforza, Maria Teresa del Vecchio, Maria Margherita de Santi, Secondo Danero, and Fabrizio Tondi

67 *Case for the Panel* **"Viral" Intranuclear Inclusions**

73 *Case for the Panel* **Spherical Bodies**

79 **Readers' Forum**

81 **Book Reviews**

82 **Announcement**

iii **Editorial**

83 **Antibodies to Intermediate Filament Proteins in the Diagnosis and Classification of Human Tumors** Markku Miettinen, Veli-Pekka Lehto, and Ismo Virtanen

109 **Inclusion Body Myofibroblasts Other than Those Seen in Recurring Digital Fibroma of Childhood** Jose J. Navas-Palacios and Jose M. Conde-Zurita

123 **Electron Microprobe Analysis and Histochemical Examination of the Calcium Distribution in Human Bone Trabeculae: A Methodological Study Using Biopsy Specimens from Post-Traumatic Osteopenia** Karl J. Obrant and Rolf Odselius

133 **Differentiation of Normal and Malignant Human Squamous Epithelium in Vivo and in Vitro: A Morphologic Study** Jennifer Knight, Barry A. Gusterson, Gerard Cowley, and Paul Monaghan

143 **"Anemone" Cell (Villiform) Tumors: Electron Microscopy and Immunohistochemistry of Five Cases** Jerome B. Taxy and Imad Y. Almanaseer

151 **Ultrastructure of Poorly Differentiated Diffuse Epithelial Mesotheliomas** Irving Dardick, Maha Al-Jabi, W. T. Elliott McCaughey, John R. Srigley, A. W. Peter van Nostrand, and A. C. Ritchie

161 **An Unusual Form of Endoplasmic Reticulum in Mononuclear Cells of a Giant Cell Tumor of Bone** Karl-Horst Marquart

167 **Malakoplakia and Malakoplakialike Lesions of the Upper Gastrointestinal Tract** Andrew Flint and Tariq M. Murad

177 **Microtubuloreticular Structures in the Cerebral Vasculature of a Patient with Herpes Simplex Encephalitis** Dennis M. McGinley and Zoltan Posalaky

185 **Immunohistochemical and Ultrastructural Analysis of Bronchopulmonary Neuroendocrine Neoplasms. II. Well-Differentiated Neuroendocrine Carcinomas** William H. Warren, Vincent A. Memoli, and Victor E. Gould

201 **Demonstration of 7-nm Projections on Human and Avian Coronaviruses** Elisabeth Kjeldsberg

207 **Synovial Sarcoma with Squamous Metaplasia** Ctibor Povýšil

215 *New Techniques* **Scanning Electron Microscopy of Acellular Glomeruli in Human Glomerulonephritis: Application of a Technique** Stephen M. Bonsib

219 *Special Report* **Hazards Related to EM-Laboratory Instrumentation** B. V. Johansen

227 *The Quarterly Case* **Lung Tumor in a 54-Year-Old Female** Tetsuro Kodama, Yukio Shimosato, Shaw Watanabe, Tsutomu Koide, Suehiko Biyajima, and Naoto Miyazawa

235 **Readers' Forum**

239 **Book Review**

Number 4

241 **Hypertrophy of Actin Bundles in Tubular Cells in Acute Renal Failure** T. Steen Olsen, H. Steen Olsen, and H. E. Hansen

251 **A Comparative Ultrastructural Study of Virions in Human Pre-AIDS and Simian AIDS** Thomas F. C. S. Warner, M. R. C. Path, Hideo Uno, Carol Gabel, and Che-Chung Tsai

259 **Pulmonary Blastoma: An Ultrastructural and Histochemical Study** Mark D. Jackson, Renata Albrecht, Victor L. Roggli, and John D. Shelburne

269 **Glial Fibrillary Acidic Protein (GFAP) Immunoreactivity in Peripheral Nerve Sheath Tumors** Vincent A. Memoli, Elizabeth F. Brown, and Victor E. Gould

277 **The Probable Origin of an Anemone Cell Tumor: Metastatic Transitional Cell Carcinoma Producing HCG** Daniel P. Wirt, Raymond B. Nagle, Helen M. Gustafson, Peter J. Philpott, Ned A. Kuivinen, and Maria Schuchardt

289 **Lysosomal Gold Accumulations in Pulmonary Macrophages** Paavo Pääkkö, Sisko Anttila, Seppo Sutinen, and Markku Hakala

295 **Filamentous Axonopathy in Disulfiram Neuropathy** Juan M. Bilbao, Sandra J. Briggs, and Trevor A. Gray

301 **Human Osteogenic Sarcoma: Fine Structure of the Fibroblastic Type** André Stark, Tomas Aparisi, and Jan L. E. Ericcsson

321 **Fine Structural Studies on Cultured Human Glial and Glioma Cells: Techniques and Applications** V. P. Collins and U. T. Brunk

335 *New Techniques* **A Simple Device for Staining Electron Microscopy Grids** Mona Berger Håkonsen, Anne Gro Grøthe, and Leif Jørgensen

339 *The Quarterly Case* **Tumorlike Proliferation of "Granular Histiocytes" in a Lymph Node** Dilip Dharkar, Joseph R. Kraft, Leif Bjornsson, and Victor E. Gould

345 **Case for the Panel**

Following page 347

Title page to volume 7

Contents of volume 7

Author index to volume 7

Subject index to volume 7